

Plant name	Trench Roller – F	Padfoot twin drum roller			Serial No	Serial No. or Model Wacket		
Location of item	Client locations			Date	27/09/20	16		
Tick the reasons for the risk assessment:	☐ Change to work practices, procedures or environment	☑ new plant or alteration to plant	☐ Planning to improve productivity or reduce costs	☐ New information about workplace risks has become available	Responding to workplace incidents	☐ Respondii concerns rais workers, HSI others	sed by WHS regulations	
Job title of plant operators: Plant operator		controlled trench compactor. It is suitable for compaction of medium to deep layers of cohesive and granular soils			Brief description of how the plant is used: The trench roller is used via a transmitter to control the forward-backward and turning movement of the plant in trenches, back-fills and on roads.			
Description of the environment: Outdoor, daylight. Confined (trench) but well ventilated space as is the case with all combustion engines.		Does the plant require licensing or competency: Internal Training			Others that no operations: Other worke	•	ted by the plant	
Operations outside norr	nal conditions:	Other systems of use:						
Breakdown & Repair		Other	Transpor	t				
Lifting								

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	02/02/2015			Document Owner – Scott Montgomery	



Is there a past	experience or backgr	ound material t	hat may assist	in the assessment:
☐ Existing contro	ols	ng Procedures	Manuals	☐ Incident or near-miss reports
		☐ Training mate	erials 🗆 Inc	ident investigations
NSW Wo AS 1319 AS/NZS: AS/NZS: AS/NZS: AS 2664 AS 2294 How to M Hazardor Managing Work He Construct Managing Working Managing Managing Managing Plant ope	rk Health and Safety Act 201 rk Health and Safety Regular Safety Signs for the Occupat 2210 (1980) Type 1 Safety F 337:1:2010 – Personal Eye a 2161.1 Occupational Protect 1983 Earthmoving machiner 1-1997 Earth-moving machiner lanage Work Health & Safety as Manual Tasks of the Work Environment & Fa alth & Safety Consultation, C tion Work of Risks of Hazardous Chemic in the vicinity of overhead an of the risks of plant in the work erator's manual	tion 2011 tional Environment cotwear and face protection tive glove y - Seat belts and se- nery - Protective struct Risks acilities coperation & Coordin cals d underground electr kplace	etures nation ic lines	
	prepared to cover the hire or sale of the			aybro group e and territory health and safety regulations for the supply of plant.
				e and territory nearth and safety regulations for the supply of plant. On by a qualified person. This item of plant is hired/sold with known and unknown safety hazards. No physical testing has been conducted
				ication or use of the item of plant. Any information provided on use and specs either written or verbal from Orange Hire Staff should be used
				ndertakes should be risk assessed by the client. This plant must be operated in accordance with relevant standards, regulations and acts.
Under common law and re	elevant state and territory health and s	afety acts, regulations and o	codes of practice, there is	a requirement for the plant owner, PCBU and operator to exercise a duty of care in the safe operation and care of plant. Before this item of

plant is used at any workplace it must be inspected to ensure it is in a fully operational, safe and serviceable and that operators and maintenance personnel are appropriately trained in the use & maintenance of this item of plant.



Hierarchy of risk control

	Level 1		
HIGHEST	Eliminate the hazards	MOST	
	↓		
^	Level 2	^	
Level of health and safety	Substitute the hazard with something safer	Reliability of control	
Level of fleatiff and safety	Isolate the hazard from people	Reliability of Control	
protection	Reduce the risks through engineering controls	measures	
	↓		
•	Level 3	•	
	Reduce exposure to the hazard using administrative actions	LEAST	
LOWEST	T Use personal protective equipment (PPE)		



RISK MATRIX

RISK IVIA I RIA								
	ermine Likelihood							
What is the pos	What is the possibility that the event will occur?							
Likelihood	Criteria							
Almost certain	Expected in most circumstances.							
Likely	Will probably occur in most circumstances							
Possible	Might occur at some time							
Unlikely	Could occur at some time							

	the expected outcome?		
Level of Effect:	Example of each level:	Level of Effect:	Example of each level:
Minor	First Aid treatment only; no lost time injury	Negligible Discharge	Minor clean up necessary
Moderate	Medical treatment; serious injuries, temporary partial disability; lost time injury < 7 days	Moderate Breach	Spill kit deployed, drains and gutters secured; Jaybro/Orange Hire personnel and site contact notified
Major	Hospital admittance; extensive injuries; lost time injury > 7 days; Permanent Total Disability injury; death	Major Breach of Environmenta I Statutes	Fire brigade services required for clean-up; Public diverted or evacuated. Principal Contractor notified.
Catastrop hic	Multiple Permanent Total Disability injuries; multiple deaths	Shutdown of Project due to Environmenta I Breach	Site shutdown and emergency services required; evacuation of personnel and public

	Step 3: Determ Using the above s								
	Consequences								
	People	Minor	Moderate	Major	Catastrophic				
	Environment	Negligible Spill/effect	Moderate Breach of Environmental law	Major Breach of Environmental law	Shutdown of Project due to Environmental Breach				
	Almost certain	3 High	4 Severe	4 Severe	4 Severe				
pod	Likely 3 High Possible 2 Moderate		3 High	4 Severe	4 Severe				
l ikelihood			3 High	4 Severe	4 Severe				
	Unlikely	1 Low	2 Moderate	3 High	4 Severe				

	on worksheet (Note – Risk scores are a subjective value and arison and to engender discussion.)		
Score	Action		
4 Severe	DO NOT PROCCED. Requires immediate attention. Introduce further high-level controls to lower the risk level. Re-assess before proceeding.		
3 High	Review before commencing work. Introduce new controls and/or maintain high-level controls to lower the risk level. Monitor frequently to ensure control measures are working.		
2 Moderate	Maintain control measures. Proceed with work. Monitor and review regularly, and if any equipment/people/materials/work processes or procedures change.		
1 Low	Record and monitor. Proceed with work. Review regularly, and if any equipment/people/materials/work processes or procedures change.		

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	02/02/2015			Document Owner – Scott Montgomery	



Identify the Hazards and Risk Controls

For each of the following HAZARD CATEGORY sections:

- Check the box for each hazard that you identify for the plant;
- Apply a risk rating based on the Risk Matrix
- In the **comments** box, describe what the hazards are and the consequences;
- Specify the risk control type from the hierarchy of control at right, for each current or proposed risk control;
- Explain what controls will be put in place for the hazard in CONTROL DESCRIPTION
- Determine the residual risk score using the Risk Matrix

Hierarchy of Control (Control Type)

El – Elimination

S - Substitution

En – Engineering

Is - Isolation

A - Administrative

Other:

T - Training

H – Health Monitoring

P – PPE G – Guarding

HAZARD CATEGORY	RISK RATING	COMMENTS WHAT ARE THE HAZARDS AND CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)	RESIDUAL RISK RATING
Can the following items become ENTANGLED with moving parts of the plant, or materials in motion: ☐ Hair ☐ Jewelry ☐ Rags ☐ Gloves ☐ Clothing ☐ Other – specify:	2M	Choking, scalping, laceration, death or serious injury	PPE – T- A-G	 Never grab or touch a rotating machine part. ► Avoid wearing clothing, neck ware or gloves that may get caught. ► Cover long hair with a hair net. 	1L
Can anyone be CRUSHED due to: ☐ Falling, uncontrolled or unexpected movement of plant or load ☐ Trapped under or between plant and materials/structure ☐ Contact with moving parts during testing, inspection, maintenance, cleaning or repair ☐ Being thrown off ☐ Tipping or rolling over ☐ Ingathering nip points ☐ Other – specify:	3H	Lifting hazard Death, serious injury Loading and unloading hazard Death, serious injury Unexpected movement hazard Death, serious injury Tipping or rolling Death, serious injury	T-A-En	Check the machine is intact and free of damage to lift points and guards. Ensure lifting equipment is appropriate for weight and free of damage. Never tow the machine. Never walk or stand under a lifted machine. Only lift the machine by a hook on the frame. Never lift the machine by the engine's lifting eyelet Check that the shock absorbers, safety straps and protective frame are correctly attached and not damaged. Check the machine's data plate for information of the weight.	2M

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		15/12/2015			Document Owner – Scott Montgomery	_



HAZARD CATEGORY	RISK RATING	COMMENTS WHAT ARE THE HAZARDS AND CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)	RESIDUAI RISK RATING
				▶ Before lifting the machine check that the shock absorbers and safety frame lifting point are correctly attached and not damaged.	
				During transportation always strap the machine securely for all transportation, otherwise it can cause injury.	
				► Use the front and rear towing attachments points to secure the machine.	
				►Use the parking brake.	
				►The transmitter must be placed under the rear hood in transportation mode	
				Unexpected movement:	
				If the machine breaks or gets stuck, there may be sudden and unexpected movement that can cause injuries.	
				► Always inspect the machine prior to use.	
				► Never use the machine if you suspect that it is damaged.	
				► Keep your feet away from the machine.	
				► Never sit on the machine.	
				 Unexpected movement 	
				If the operator is not fully familiar with the control system when operating the machine, this may lead to sudden and unexpected movements of the machine which can cause injuries.	
				► Always study this safety and operating instructions carefully before operating the machine.	
				► Only trained personnel who are fully familiar with the control system may operate the machine.	
				Tipping or rolling	

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	15/12/2015			Document Owner – Scott Montgomery		l



HAZARD CATEGORY		RISK RATING	COMMENTS WHAT ARE THE HAZ	ARDS AN	Consequences?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)		RESIDUAL RISK RATING
							All workers and other plant muclear of the machine while in community Maintain 3m clearance including workers in trenches, ditches expressions.	peration. ng above	
							Operator to keep machine in s times.	ight at all	
							Steel capped safety footwear worn.	must be	
							Hi-visibility workwear is recom to aide visibility	mended	
							All operators must refer to the manual	operators	
Can anyone be <u>CUT, STABBED or Pl</u> coming in contact with:	UNCTURED by								
☐ Moving plant or parts ☐ Sharp	stationary edges								
☐ Sharp or ejected material									
Other – specify:		-							
SHEARING – Can anyone's body parts be cut off between: Two parts of the plant		3H	Shearing between plant and structure/obstacle.			T-A-En	All workers and other plant mu clear of the machine while in c Maintain 3m clearance includii workers in trenches, ditches e	peration. ng above	2M
☑ A part of the plant and material/struct☐ Other – specify:		_					Operator to keep machine in sit		
							All operators must refer to th operators manual	e	
Can anyone be <u>STRUCK</u> by moving objects due to: ☐ Plant or work pieces being ejected or disintegrated ☐ Plant Mobility		3H	Unexpected mover	nent haz	ard	A-T-En	Unexpected movement:		1L
			Death, see	erious inj	ury		If the machine breaks or gets s may be sudden and unexpecte	ď	
	ovement						movement that can cause injur		
Other – specify:		_					► Always inspect the machine use.	μποι το	
							► Never use the machine if yo that it is damaged.	u suspect	
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SLIP, TRIP or FALL due to: The working environment Uneven work surface Lack of guardrails Poor housekeeping Slippery work surfaces Cables or Hoses Other – specify: truck bed Truck bed Fractures, sprains/strains, serious injury Fall from height- trenches Fractures, sprains/strains, serious injury Fall from height- trenches Fractures, sprains/strains, serious injury Fall from height- trenches Use three points of contact and keep clear of bed edge Use bed ladder or ramps to access/egress. Fall from height- trenches Operator is to perform a pre-work site	HAZARD CATEGORY		RISK RATING	COMMENTS WHAT ARE THE HAZ	ARDS AN	D CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)		RESIDUAL RISK RATING
• Unexpected movement If the operator is not fully familiar with the control system when operating the machine, this may lead to sudden and unexpected movements of the machine which can cause injunes.								machine.	ne	
Fall from height - truck bed Fractures, sprains/strains, serious Gep rotor to tully tamiliar with the control system when operating the machine, this may lead to sudden and unexpected movements of the machine which can cause injuries. Naway study this safety and operating instructions carefully before operating the machine. Nonly trained personnel who are fully familiar with the control system may operate the machine. All workers and other plant must be clear of the machine while in operation. Maintain 3m clearance including above workers in trenches, ditches etc. Operator to keep machine in sight at all times. Steet capped safety footwear must be worn. H-i-vibility workwear is recommended to aid visibility all operators must refer to the operators manual operations in the plant. Step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant, step is the plant or in the vicinity of the plant in the plant i								, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
the control system when operating the machine, this may lead to sudden and unexpected movements of the machine which can cause injuries. ▶ Always study this safety and operating instructions carefully before operating instructions carefully before operating instructions carefully familiar with the control system may operate the machine. All workers and other plant must be clear of the machine which can be clear of the machine which can be clear of the machine while in operation. All movers and other plant must be clear of the machine while in operation. All movers and there is no peration. All movers and there is no peration. He wishlifty workwear is recommended to add visibility. All operators were intended to add visibility. All operators must refer to the operators manual. Can anyone using the plant or in the vicinity of the plant, st.P. TRIP or FALL due to: □ Tractures, sprains/strains, serious injury. Fall from height - truck bed • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious injury. Fall from height- trenches • Fractures, sprains/strains, serious in								<u>'</u>		
Can anyone using the plant or in the vicinity of the plant, SLIP, TRIP or FALL due to: □ Lack of guardrails □ Poor housekeeping □ Lack of guardrails □ Poor housekeeping □ Lack of guardrails □ Poor housekeeping □ Cahles or Hoses □ Cables or Hoses □ Cher - specify: truck bed □ Cher								the control system when opera machine, this may lead to sud unexpected movements of the	ating the den and	
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Can anyone using the plant or in the vicinity of the plant, SLIP, TRIP or FALL due to: The working environment Slippery work surface Slippery work surfaces Sli								familiar with the control system		
times. Steel capped safety footwear must be worn. Hi-visibility workwear is recommended to aide visibility All operators must refer to the operators manual A-T-Eng-G-G-FALL due to:								clear of the machine while in of Maintain 3m clearance includi	operation. ng above	
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☐ The working environment ☐ Uneven work surface ☐ Lack of guardrails ☐ Poor housekeeping ☐ Slippery work surfaces ☐ Cables or Hoses ☐ Other – specify: truck bed ☐ Use three points of contact and keep clear of bed edge ☐ Use bed ladder or ramps to access/egress. ☐ Fall from height- trenches ☐ Operator is to perform a pre-work site ☐ Comparison of the truck bed injury ☐ Description should be used when accessing truck beds. ☐ Use three points of contact and keep clear of bed edge ☐ Use bed ladder or ramps to access/egress. ☐ Fall from height- trenches ☐ Operator is to perform a pre-work site ☐ Description should be used when accessing truck beds. ☐ Use three points of contact and keep clear of bed edge ☐ Use bed ladder or ramps to access/egress. ☐ Fall from height- trenches ☐ Operator is to perform a pre-work site ☐ Description should be used when accessing truck beds. ☐ Use three points of contact and keep clear of bed edge ☐ Use bed ladder or ramps to access/egress. ☐ Description should be used when accessing truck beds. ☐ Use three points of contact and keep clear of bed edge ☐ Use bed ladder or ramps to access/egress. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Description should be used when accessing truck beds. ☐ Descriptio	Can anyone using the plant or in th	e vicinity of the plant	, 3H	Fall from height – to	ruck bed			Fall from height – truck bed		1L
□ Lack of guardrails □ Poor housekeeping □ Slippery work surfaces □ Cables or Hoses □ Other – specify: truck bed ■ Other – specify: truck bed ■ Fractures, sprains/strains, serious injury Use three points of contact and keep clear of bed edge Use bed ladder or ramps to access/egress. Fall from height- trenches ○ Operator is to perform a pre-work site		von work surface			s, sprain	s/strains, serious	G		nless	
Slippery work surfaces				, ,	enches			· '	ed when	
Other – specify: truck bed injury Use three points of contact and keep clear of bed edge Use bed ladder or ramps to access/egress. Fall from height- trenches Operator is to perform a pre-work site	-				s/strains, serious		accessing truck beds.			
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Operator is to perform a pre-work site								Use bed ladder or ramps to access/egress.		
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HAZARD CATEGORY		RISK RATING	COMMENTS WHAT ARE THE HAZ	ARDS AN	CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)		RESIDUAL RISK RATING
							inspection. Remove all debris material from the site and note uneven or slippery surfaces.		
							Keep clear of edge of pits, tren cuttings while maintaining visus with roller.	ches or al contact	
							All operators must refer to the manual	operators	
FRICTION - Can anyone be burnt due to:									
☐ Contact with moving parts or surfaces of ☐ Material handled by the plant ☐ Other factors – specify:	the plant	-							
Can anyone be injured by ELECTRICAL shock or burnt due to: □ Damaged/poorly maintained leads and/or switches		3Н	Electrical shock • Serious injury or death		A-T-En	The machine is not electrically If the machine comes into cont electricity, serious injuries or de result.	act with	2M	
	al conductors Lack of isolation						► Never operate the machine r electric wire or other source of	near any electricity.	
procedures Other – specify:		-					► Make sure that there are no wires or other sources of electr working area.		
							During operating, concealed win pipes constitute a danger that of in serious injury.		
							► Check the composition of the before operating.	e material	
							► Watch out for concealed cab pipes for example electricity, te water, gas, and sewage lines.		
							▶ If the machine seems to have concealed object, switch off the immediately.	ve hit a	
							► Make sure that there is no date before continuing.	anger	
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15/2		, ,		Document Owner	tgomery	. 450 3 01 10			



HAZARD CATEGORY	RISK RATING	COMMENTS WHAT ARE THE HAZ	ARDS AN	D CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)		RESIDUAL RISK RATING
						Isolate item prior to maintenance All operators must refer to the operators manual		
EMERGENCY STOP BUTTONS ☐ Lack of prominence of emergency stop ☐ Emergency stop not being fail to safe	2M	Damage or wear to	emerge	ncy labels	A-t	Safety labels must be check fo regularly and replaced as need All operators must refer to the	led	1L
 ☐ Emergency stop not red in colour ☐ Stored energy or air pressure being released slowly ☐ Lack of clarity of emergency stop markings ☐ Restarting plant by resetting the emergency stop button ☐ Other – specify: 	-					operators manual		
Can anyone be injured by an EXPLOSION of the following items triggered by operation Gas Dust	3H Ignition of explosive vapours, gas, liquid environment				A-T	If a warm machine or hot exhau contacts explosive liquids, gas an explosion could occur.		1L
	_	Serious injury, fire, burns				During operating with certain m sparks and ignition can occur. will lead to severe injuries or de	Explosions	
					► Never operate the machine i explosive environment.			
						► Never use the machine near flammable materials, or fumes		
						► Make sure that there are no undetected sources of gas or e ► Avoid contact with the warm pipe or the bottom of the mach	exhaust	
						The fuel is flammable and fuel explode when ignited, causing injury or death.		
						► Protect your skin from contact fuel. If fuel has penetrated the consult a qualified health profe	skin,	
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HAZARD CATEGORY	RISK RATING	COMMENTS WHAT ARE THE HAZARDS AND CONSEQUENCES?	CONTROL TYPE	CONTROL DESCRIPTION (CURRENT AND PROPOSED)	RESIDUAL RISK RATING
				► Never remove the filler cap, or fill the fuel tank when the machine is hot.	
				▶ Fill the fuel tank outdoors or in a clean and well ventilated place, free from sparks and open flames. Fill the fuel tank at least ten meters (30 feet) from the place where the machine is to be used.	
				Only apply the fuel appropriate for the engine.	
				No smoking while refueling. Refuel away from ignition sources such as electrical.	
				Do not use a mobile phone while refueling.	
				Wipe up any spills. Dispose of contaminated rags. Allow mopped-up spills to evaporate.	
				Gloves must be worn when refueling	
				All operators must refer to the operators manual	

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	15/12/2015			Document Owner – Scott Montgomery	

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15/12/2015

Next Review Date 15/12/2016



Page **12** of **16**

ENVIRONMENTAL CONDITIONS – Can anyone suffer ill health due to: Exposure to high temperatures Exposure to low temperatures Contamination of the atmosphere Failure of air conditioning or air quality control equipment Rain Sun Flora Fauna Other – specify:	ЗН	This plant is used in an outdoor environment exposing the operator to: • UV rays • Naturally high temperatures • Naturally low temperatures • Naturally occurring flora and fauna • Rain, wind, storms and other weather	A-PPE-T	It is recommended that the site supervisor implement their own controls for minimizing the hazards of outdoor work. Some common controls are: Sunscreen, long sleeved shirt and pants, hats, regular breaks, water, procedures for managing fatigue, isolation or communication on hazards from flora and fauna. Procedures for stopping work in conditions that lessen the controls set out above. This plant is only to be used in daylight hours. All operators must refer to the operators manual	2M
HIGH TEMPERATURE or FIRE – Can anyone: Be burnt or scolded by hot parts of the plant Be injured by fire Other – specify:	ЗН	Risk of explosion or fire due to incorrect fuel handling or refueling Operator may be burnt or scolded on exhaust or other hot areas of machine • Burns, scolded	A-T-G	Keep clear of hot areas including exhaust and internal components. Do not perform maintenance if not competent to do so. Wait until unit is cooled to perform maintenance. The fuel is flammable and fuel fumes can explode when ignited, causing serious injury or death ▶ Never remove the filler cap, or fill the fuel tank when the machine is hot. ▶ Fill the fuel tank outdoors or in a clean and well ventilated place, free from sparks and open flames. Fill the fuel tank at least ten meters from the place where the machine is to be used. Only apply the fuel appropriate for the engine. No smoking while refueling. Refuel away from ignition sources such as electrical. Do not use a mobile phone while refueling.	2M

V1

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	All operators must refer to the operators manual
	Wipe up any spills. Dispose of contaminated rags. Allow mopped-up spills to evaporate.
	Gloves must be worn when refueling
	Check for fuel leaks daily.
	Only store fuel in an approved, labelled container
Can anyone come into contact with FLUIDS or GASES under HIGH PRESSURE due to:	
☐ Failure of the plant?	
☐ Misuse of the plant?	
☐ Other – specify:	

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	15/12/2015			Document Owner – Scott Montgomery	



ERGONOMIC (incl manual handling) injured due to: Seating design	ffort Poor lighting	_							
RADIATION Can anyone be injured/sto: Lasers Ultraviolet light Microwaves Radio waves Infrared Other – specify									
Can anyone be injured or suffer ill he to OTHER HAZARDS: Chemicals Fumes Vibration Noise Biological Dusts Lighting Gases of Other – specify:	r vapours	-	inhalation Vibrations • Left runn unexpect Noise • Hearing o	n of fume	e to vibration	A-T-PPE	Chemicals The fuel is flammable and fuel explode when ignited, causing injury or death. Protect your skin from contact fuel. If fuel has penetrated the sconsult the SDS Never remove the filler cap, fuel tank when the machine is her fill the fuel tank outdoors or and well ventilated place, free fisparks and open flames. Fill the at least ten meters from the plathe machine is to be used. Vibration Vibrations from the engine can material changes, this can cause machine to move and cause in Never leave the machine with engine running. Noise High noise levels can cause peand disabling hearing loss and problems such as tinnitus (ringi buzzing, whistling, or humming	ct with the skin, or fill the not. in a clean from e fuel tank ace where cause se the juries. h the ermanent other ing, in the	
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ears). To reduce risks and prevent an unnecessary increase in noise levels: ► Risk assessment of these hazards and implementation of appropriate controls is essential.
► Operate and maintain the machine as recommended in these instructions.
► If the machine has a silencer, check that it is in place and in good working condition.
► Always use hearing protection – class 4
Gases or vapours
Never use this plant in confined spaces. This plant creates carbon monoxide as a by-product of internal combustion. Carbon monoxide is deadly in large quantities and may cause drowsiness.

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	15/12/2015			Document Owner – Scott Montgomery	



Endorsement					
Name:	Scott Montgomery	Position:	WHS manager	Date:	27/09/2016
Document prepared by:	Scott Montgomery		Position:	WHS manager	

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	15/12/2015			Document Owner – Scott Montgomery	_